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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/721,920

11/24/2003

Kie Y. Ahn

303.685US2

6550

21186

7590

04/12/2006

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH
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EXAMINER

TRINH, MICHAEL MANH

ART UNIT

PAPER NUMBER

2822

DATE MAILED: 04/12/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

18

Response to Rule 312 Communication	Application No.	Applicant(s)	
	10/721,920	AHN ET AL.	
	Examiner	Art Unit	
	Michael Trinh	2822	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

1. ☒ The amendment filed on 27 February 2006 under 37 CFR 1.312 has been considered, and has been:

a) ☐ entered.

b) ☐ entered as directed to matters of form not affecting the scope of the invention.

c) ☐ disapproved because the amendment was filed after the payment of the issue fee.

Any amendment filed after the date the issue fee is paid must be accompanied by a petition under 37 CFR 1.313(c)(1) and the required fee to withdraw the application from issue.

d) ☐ disapproved. See explanation below.

e) ☒ entered in part. See explanation below.

312-Amendment filed 2/27/06 is entered in part, except deleting the limitation of "and the silicide layer" in claim 37, line 7. In other words, deleting the limitations of "and the silicide layer" in claim 37, at line 7, is disapproved and not entered since it is affecting the scope of the invention. Therefore, Examiner's amendment is included herewith for claim 37, accordingly.



**Michael Trinh
Primary Examiner**

Art Unit: 2822

DETAILED ACTION

*** In according to 312 Communication, claim 37 is shown below.

Examiner's Amendment

*** An examiner's amendment to the record appears below.

IN THE CLAIM: Replacing and amending Claim 37 as follows:

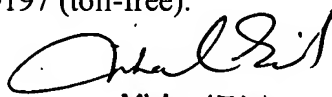
37. (Currently Amended) A method, comprising:
- forming a metal line air-bridge structure, which has ~~having~~ a number of top, bottom, and side exposed surfaces adjacent to a number of interstices in the air-bridge structure and connects to a number of silicon devices in a substrate;
 - covering the exposed surfaces of the air-bridge structure with a silicide layer;
 - hermetically sealing metal lines of the air-bridge structure underlying a nitride layer on the silicide layer and the silicide layer; and
 - providing a low dielectric constant insulator in the number of interstices.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael M. Trinh whose telephone number is (571) 272-1847. The examiner can normally be reached on M-F: 9:00 Am to 5:30 Pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Zandra Smith can be reached on (571) 272-2429. The central fax phone number is (703) 872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Oacs-


Michael Trinh
Primary Examiner